AE Order Number Banner

Report Description

This report shows an AE Order Number in Barcode format for purposes of scanning. The Barcode format is Code 39.

App Number: pJXK1604139142

1RP - 2997

TORO OPERATING

2/10/2016

HOBBS OCD

MAY 23 2014

RECEIVED

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 8, 2011

Submit 1 Copy to Appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company Toro Operating (High Sierra Transportation)	Contact Craig Rutland
Address Mile Marker 41.5, S. Hwy 18 Hobbs, New Mexico	Telephone No. 720-425-4249
Facility Name Hobbs Station (Carpenter Station)	Facility Type Crude Oil Tank Battery

Surface Owner Toro Operating Company, Inc.	Mineral Owner	API No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
D	14	20S	38E					Lea

Latitude 32° 34' 38.38 Longitude 103° 07' 25.84"

NATURE OF RELEASE

Type of Release Crude Oil	Volume of Release 48 bbls	Volume Recovered 35 bbls
Source of Release 1,000 bbls Crude Oil Storage Tank	Date and Hour of Occurrence November 20, 2013 – 2130 hours	Date and Hour of Discovery November 20, 2013 – 2130 hours
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Geoffrey Leking – NMOCD Hobbs District Office	
By Whom? Curt Stanley (NOVA Safety and Environmental) Agent	Date and Hour November 21, 2013 - about 1530 hours	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*
An equipment failure resulted in the release of crude oil from the crude oil storage tank. The incident is under investigation by High Sierra Transportation. The release occurred within an earthen containment and no liquids were released outside the containment. A vacuum truck was utilized to recover approximately 35 bbls of crude oil,

Describe Area Affected and Cleanup Action Taken. The area affected by the release measures less than forty (40) by forty-five (45) feet within the containment. Impacted soil within the secondary containment was excavated by hand and mechanical means and stockpiled on site. Soil samples were collected and submitted to the laboratory. Impacted soil outside the east secondary containment sidewall does not appear to be associated with this release and NMOCD has determined High Sierra has adequately remediated impacted soil associated with this release. Please reference "Remediation Summary" dated May 2014 for additional details.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: Craig Rutland	OIL CONSERVATION DIVISION	
Printed Name: Craig Rutland	Approved by Environmental Specialist: Geoffrey Leking Environmental Specialist	
Title: EHS Director (High Sierra Transportation)	Approval Date: 5/23/14	Expiration Date: –
E-mail Address: crutland@highsierraenergy.com	Conditions of Approval: –	Attached ☐ IRP-12-13-2997
Date: 5/16/14 Phone: 720-425-4249		

* Attach Additional Sheets If Necessary

HOBBS OCD

DEC 04 2013

RECEIVED

District I
1625 N. French Dr., Hobbs, NM 88240
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State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
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Form C-141
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Toro Operating	Contact Jason Griffith
Address Mile Marker 41.5, S. Hwy 18 Hobbs, New Mexico	Telephone No. 620-243-2507
Facility Name Hobbs Station (Carpenter Station)	Facility Type Crude Oil Tank Battery

Surface Owner Toro Operating Company, Inc.	Mineral Owner	API No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
D	14	20S	38E					Lea

Latitude 32° 34' 38.38 Longitude 103° 07' 25.84"

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Type of Release Crude Oil	Volume of Release 48 bbls	Volume Recovered 35 bbls
Source of Release 1,000 bbls Crude Oil Storage Tank	Date and Hour of Occurrence November 20, 2013 – 2130 hours	Date and Hour of Discovery November 20, 2013 – 2130 hours
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Geoffrey Leking – NMOCD Hobbs District Office	
By Whom? Curt Stanley (NOVA Safety and Environmental) Agent	Date and Hour November 21, 2013 - about 1530 hours	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*
An equipment failure resulted in the release of crude oil from the crude oil storage tank. The incident is under investigation by High Sierra Transportation. The release occurred within an earthen containment and no liquids were released outside the containment. A vacuum truck was utilized to recover approximately 35 bbls of crude oil.

Describe Area Affected and Cleanup Action Taken. The area affected by the release measures less than forty (40) by forty-five (45) feet within the containment. An Environmental Contractor was retained to remediate the release to NMOCD Regulatory Guidelines.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature:

Printed Name: Jason Griffith

Title: EHS Specialist (High Sierra Transportation)

E-mail Address: jgriffith@highsierraenergy.com

Date: 12/4/13 Phone: 620-243-2507

OIL CONSERVATION DIVISION

Approved by Environmental Specialist: Geoffrey Leking

Environmental Specialist

Approval Date: 12/04/13 Expiration Date: 2/04/13

Conditions of Approval: SUBMIT FINAL C-141 BY 02/04/13

Attached ☐

IRP-12-13-2997

* Attach Additional Sheets If Necessary

REMEDIATION SUMMARY

High Sierra Transportation
Hobbs Station (Carpenter Station)
Lea County, New Mexico
UNIT LTR "D" (NW ¼/NW ¼), Section 14, Township 20 South, Range 38 East
Latitude 32° 34' 38.38" North, Longitude 103° 07' 28.84' West
NMOCD Reference # 1RP-12-13-2997

Prepared For:

High Sierra Transportation
3773 Cherry Creek North Drive, Suite 1000
Denver, Colorado 80209

Prepared By:

NOVA Safety & Environmental
2057 Commerce
Midland, Texas 79703

HOBBS OCD

MAY 2 3 2014

RECEIVED

May 2014

approved
Jeffrey Lekins
Environmental Specialist
NMOCD - DIST I
5/23/14

Curt D Stanley
Project Manager

Brittan K. Byerly, P.G.
President

1.0 INTRODUCTION

NOVA Safety & Environmental (NOVA), on behalf of High Sierra Transportation (High Sierra), has prepared this Remediation Summary for the release site known as Hobbs Station (Carpenter Station). The legal description of the release site is Unit Letter "D", Section 14, Township 20 South, Range 38 East, in Lea County, New Mexico. The property affected by the release is owned by Toro Operating Company, Inc. The release site GPS coordinates are 32° 34' 38.38" North and 103° 07' 25.84" West. Please reference Figure 1 for a Site Location Map and Figure 2 for a Site Details Schematic and Confirmation Soil Sample Locations Map. Photographs are provided as Appendix A.

On November 20, 2013, an equipment failure at a crude oil storage tank resulted in the release of approximately forty-eight (48) barrels of crude oil into an earthen containment. The release was contained within the earthen containment and a vacuum truck was utilized to recover approximately thirty-five (35) barrels of crude oil. An area measuring approximately forty-five (45) feet in width and approximately forty (40) in length was affected by the release. On November 20, 2013, the New Mexico Oil Conservation Division (NMOCD) Hobbs District Office was verbally notified of the release and a Release Notification and Corrective Action (NMOCD Form C-141) was submitted to the NMOCD on December 4, 2013. The New Mexico Oil Conservation Division (NMOCD) Release Notification and Corrective Action (Form C-141) is provided as Appendix C.

2.0 NMOCD SITE CLASSIFICATION

According to data obtained from The New Mexico Office of the State Engineer (NMOSE), three (3) water wells are registered in Section 14, Township 20 South, Range 38 East. The NMOSE water well database indicates the average depth to groundwater should be approximately forty-nine (49) feet below ground surface (bgs). A depth to groundwater reference map utilized by the NMOCD indicates groundwater should be encountered at approximately depths less than fifty (50) feet bgs. The inferred depth to groundwater at the Hobbs Station (Carpenter Station) Release Site results in a score of twenty (20) points being assigned to the site based on the NMOCD depth to groundwater criteria.

The water well database, maintained by the NMOSE, indicates there is one (1) registered water well located approximately two hundred twenty (220) feet west of the Release Site. Based on the proximity of the registered water well to the release site, twenty (20) points are assigned to the Release Site.

There are no surface water bodies located within 1,000 feet of the site. Based on the NMOCD ranking system zero (0) points will be assigned to the site as a result of the criteria.

The NMOCD guidelines indicate the Hobbs Station (Carpenter Station) Release Site has ranking score of forty (40). Based on this score, the soil remediation levels for a site with a ranking score of forty (40) points are as follows:

- Benzene – 10 mg/Kg (ppm)
- BTEX – 50 mg/Kg (ppm)
- TPH – 100 mg/Kg (ppm)

3.0 SUMMARY OF SOIL REMEDIATION ACTIVITIES

On November 22, 2013, NOVA, at the request of High Sierra, commenced remediation activities at the Hobbs Station (Carpenter Station) Release Site. Laborers removed hydrocarbon impacted soil from within the earthen containment using hand shovels and wheelbarrows and the impacted soil was stockpiled on plastic at the southeast corner of the facility. The total depth of the initial excavation ranged from approximately six (6) inches to two (2) feet bgs. A vacuum truck was utilized to remove approximately forty (40) barrels of standing crude oil from the interior of the release source storage tank.

On November 26, 2013, four (4) soil samples (Sample Point 1 through Sample Point 4) were collected and submitted to the laboratory for determination of concentrations of benzene, toluene, ethylbenzene and xylene (BTEX) and total petroleum hydrocarbons (TPH) using EPA Method SW846-8021b and SW846-8015M, respectively. TPH concentrations ranged from 30.5 mg/Kg in soil sample "Sample Point 2" to 30,000 mg/Kg in soil sample "Sample Point 4". Soil samples exhibiting TPH concentrations above the NMOCD regulatory guidelines were not analyzed for BTEX. The analytical results indicated benzene concentrations in soil samples "Sample Point 2" and "Sample Point 3" were less than the appropriate Method Detection Limit (MDL). BTEX concentrations in soil samples "Sample Point 2" and "Sample Point 3" ranged from 0.00251 mg/Kg in soil sample "Sample Point 2" to 0.0451 mg/Kg in soil sample "Sample Point 3". The analytical results indicated additional excavation was warranted in the areas represented by soil samples "Sample Point 1" and "Sample Point 4". Table 1 summarizes the Concentrations of Benzene, BTEX and TPH in Soil. Laboratory analytical reports are provided as Appendix B.

On December 2, 2013, based on the analytical results, additional hand and mechanical excavation in the area represented by "Sample Point 1" and "Sample Point 4" was conducted. The area represented by "Sample Point 1" was excavated to a total depth of approximately nine (9) inches bgs and the area represented by "Sample Point 4" was excavated to a total depth of approximately three (3) feet bgs. Excavated soil was added to the soil stockpile located on the southeast corner of the facility. During the excavation of this area the earthen berm was removed and the excavation was extended outside of the confines of the earthen containment. During the excavation of the area represented by "Sample Point 4" a layer of heavily hydrocarbon impacted soil measuring approximately three (3) inches in thickness was observed at approximately two and one half (2.5) feet bgs on the east sidewall of the excavation. This layer of heavily hydrocarbon impacted soil did not appear to be associated to the High Sierra Release.

On December 2, 2013, one (1) confirmation soil sample (Sample Point 1-A) was collected from the area represented by "Sample Point 1" and submitted to the laboratory for analysis. The analytical results indicated the benzene concentration of the soil sample was less than the laboratory MDL of 0.00100 mg/Kg and the BTEX concentration was 0.00833 mg/Kg. The TPH concentration of soil sample "Sample Point 1" was less than the laboratory MDL of 27.5 mg/Kg. Based on the analytical results no additional exaction in the area represented by soil sample "Sample Point 1" was warranted.

In addition, a soil sample (Sample Point 4-A @ 3') was collected from the floor of the excavation beneath soil sample "Sample Point 4". The analytical results indicated the TPH concentration was 1,390 mg/Kg. Due to the depth of the "Sample Point 4" excavation, four (4) sidewall soil samples (Sample Point 4 Exc. WW, Sample Point 4 Exc. SW, Sample Point 4 Exc. EW, and Sample Point

4 Exc. NW) were collected and submitted for laboratory analysis. The analytical results indicated TPH concentrations ranged from less than the laboratory MDL of 27.2 mg/Kg for "Sample Point 4 Exc. NW" and "Sample Point 4 Exc. WW" to 781 mg/Kg for "Sample Point 4 Exc. EW". Soil samples exhibiting TPH concentrations above the NMOCD regulatory guidelines were not analyzed for BTEX. Benzene concentrations for soil samples "Sample Point 4 Exc. WW", "Sample Point 4 Exc. SW", and "Sample Point 4 Exc. NW" were less than the laboratory MDL and BTEX concentrations ranged from less than the laboratory MDL of 0.00217 mg/Kg for soil samples "Sample Point 4 Exc. WW" and "Sample Point 4 Exc. NW" to 0.07258 mg/Kg for soil sample "Sample Point 4 Exc. SW". Based on the analytical results, additional excavation was warranted on the floor and east sidewall of the excavation.

On December 11, 2013, based on the analytical results and field observations, a NOVA representative met with a NMOCD Hobbs District Office Representative to discuss a path forward at the Release Site. The two (2) representatives agreed to excavate an investigation trench approximately fifteen (15) to the east of the "Sample Point 4" excavation to identify the source of the heavily impacted soil at two and one half (2.5) feet bgs. In addition, it was agreed the "Sample Point 4" excavation would be further excavated and additional soil samples would be collected.

On February 24, 2014, additional excavation activities were conducted in the area represented by "Sample Point 4". The excavation at "Sample Point 4" was excavated to a total depth of approximately six (6) feet bgs. In addition, the east and south sidewalls of the previous (December 2, 2013) excavation were excavated an additional three (3) feet horizontally. Following the excavation of this area, five (5) confirmation soil samples (Sample Point 4 Expanded EXC BH @ 6', Sample Point 4 Expanded EXC SW @ 5', Sample Point 4 Expanded EXC WW @ 5', Sample Point 4 Expanded EXC EW @ 4', and Sample Point 4 Expanded EXC WW @ 5') were collected and submitted to the laboratory for analysis. The analytical results indicated benzene concentrations ranged from less than the appropriate laboratory MDL for sail samples "Sample Point 4 Expanded EXC BH @ 6'", "Sample Point 4 Expanded EXC WW @ 5'", "Sample Point 4 Expanded EXC EW @ 4'", and "Sample Point 4 Expanded EXC WW @ 5'" to 0.0120 mg/Kg for Sample Point 4 Expanded EXC SW @ 5'. BTEX concentrations ranged from 0.00324 mg/Kg for soil sample "Sample Point 4 Expanded EXC WW @ 5'" to 1.412 mg/Kg for soil sample "Sample Point 4 Expanded EXC WW @ 5'". TPH concentrations ranged from 86.9 mg/Kg for soil sample "Sample Point 4 Expanded EXC WW @ 5'" to 2,300 mg/Kg for soil sample "Sample Point 4 Expanded EXC SW @ 5'". Based on the analytical results and visual observations, it appears hydrocarbons encountered on the east and south sidewalls of the excavation are not associated with the High Sierra release.

On February 24, 2014, a soil investigation trench was excavated from east sidewall of the excavation. The soil investigation trench measured approximately three (3) feet in width, fifteen (15) feet in length and approximately four (4) feet in depth. Visual observations indicated the layer of heavily hydrocarbon impacted soil was contiguous throughout the length of the soil investigation trench and appears to be historical and not associated with the High Sierra Release. A soil sample (East Trench @ 2.5') was collected for analysis at approximately two and one half (2.5) feet bgs and approximately ten (10) feet east of the east sidewall of the excavation. The analytical results indicated the benzene concentration of soil sample East Trench @ 2.5' was 4.12 mg/Kg, the BTEX concentration was 174.92 mg/Kg and the TPH concentration was 27,030 mg/Kg. Following the excavation of the investigation trench, an NMOCD Representative, who

was present during the February 24, 2014 excavation activities, granted permission to backfill the investigation trench based on safety concerns.

4.0 REMEDIATION SUMMARY CONCLUSIONS

Based on the analytical results of confirmation soil samples and visual observations at the Release Site, the New Mexico Oil Conservation Division Hobbs District Office representative determined the areas of impacted soil observed to the east of the excavation and along the investigation trench were not associated with the High Sierra Hobbs Station (Carpenter Station) incident which occurred on November 20, 2013.

NOVA recommends High Sierra Transportation submit a copy of this Remediation Summary to the NMOCD Hobbs District Office and request Closure Status for this release.

5.0 LIMITATIONS

NOVA Safety and Environmental has prepared this Remediation Summary to the best of its ability. No other warranty, expressed or implied, is made or intended.

NOVA Safety and Environmental has examined and relied upon documents referenced in the report and has relied on oral statements made by certain individuals. NOVA Safety and Environmental has not conducted an independent examination of the facts contained in referenced materials and statements. We have presumed the genuineness of the documents and that the information provided in documents or statements is true and accurate. NOVA Safety and Environmental has prepared this report, in a professional manner, using the degree of skill and care exercised by similar environmental consultants. NOVA Safety and Environmental also notes that the facts and conditions referenced in this report may change over time and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

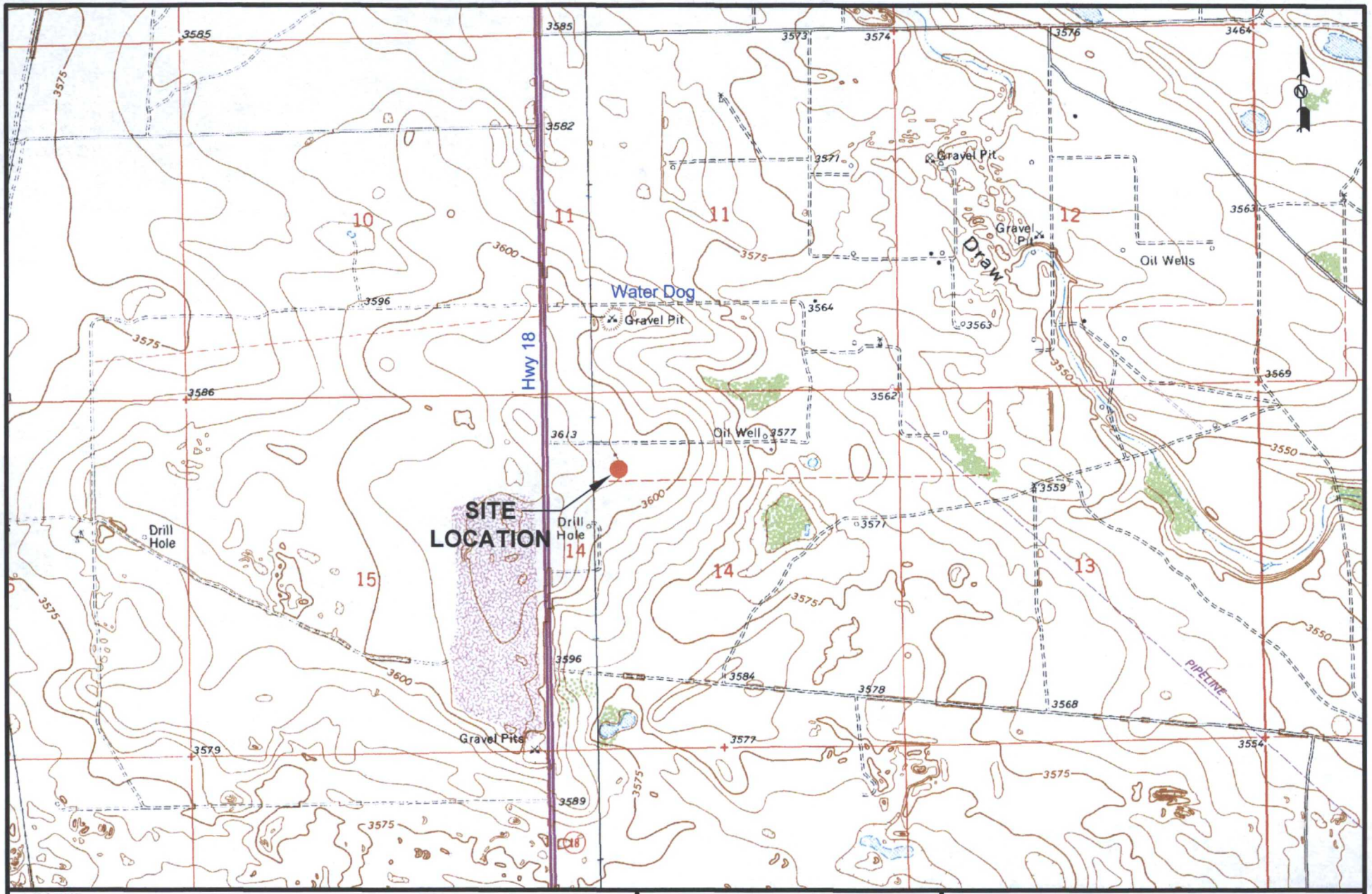
This report has been prepared for the benefit of High Sierra Transportation. The information contained in this report, including all exhibits and attachments, may not be used by any other party without the express consent of NOVA Safety and Environmental and/or High Sierra Transportation.

6.0 DISTRIBUTION:

Copy 1: Geoffrey Leking
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division (District 1)
1625 French Drive
Hobbs, New Mexico 88240

Copy 2: Craig Rutland
High Sierra Transportation
3773 Cherry Creek North Drive, Suite 1000
Denver, Colorado 80209

Copy 3: NOVA Safety & Environmental
2057 Commerce Street
Midland, Texas 79703



LEGEND:

2000 1000 0 1000 2000

Distance in Feet

Figure 1

Site Location Map

High Sierra Transportation

Carpenter Station

Lea County, NM

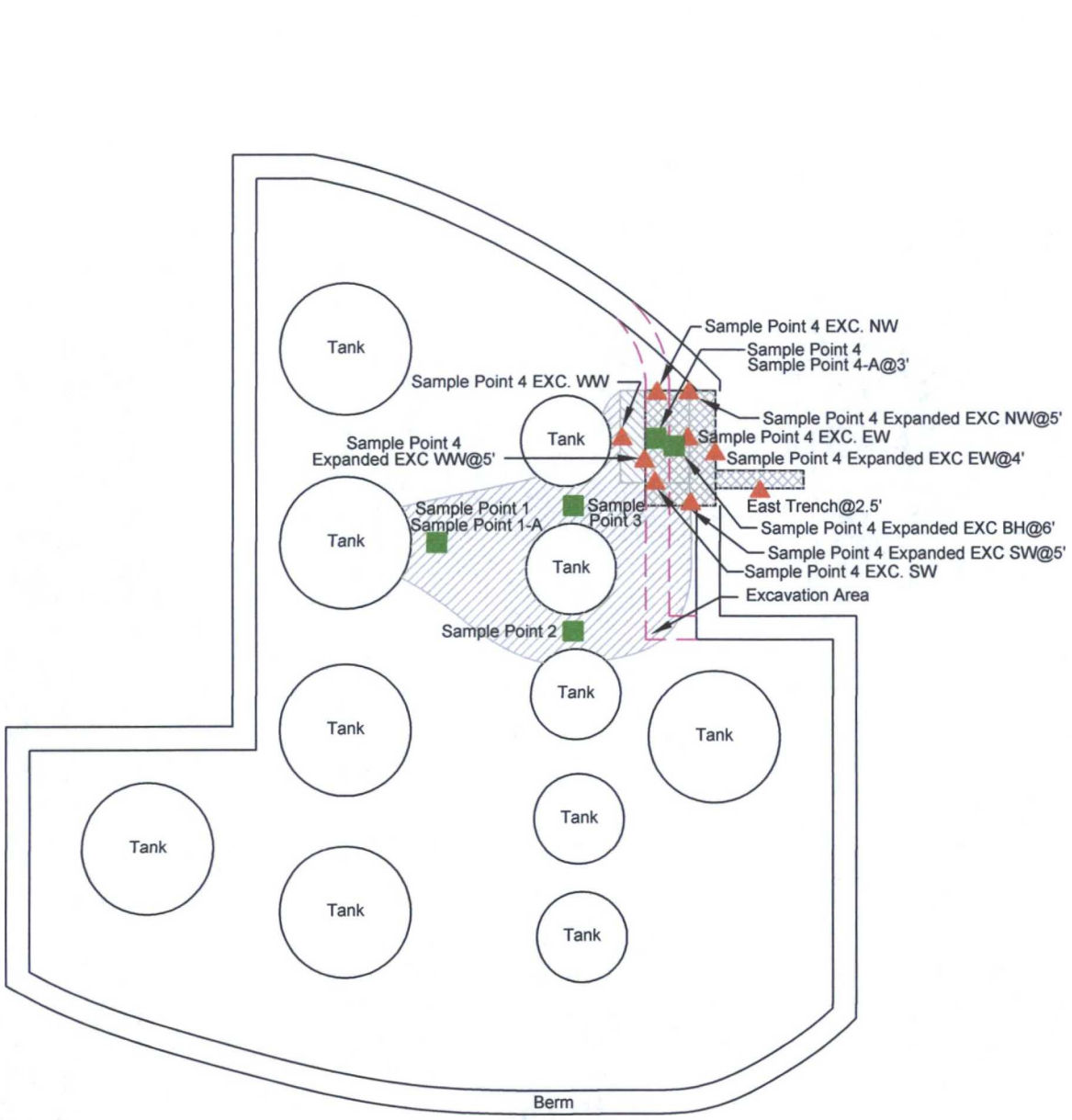
NOVA safety and environmental

2057 Commerce Drive
Midland, Texas 79703
432.520.7720

www.novasafetyandenvironmental.com

May 14, 2014	Scale: 1" = 2000'	CAD By: TA	Checked By: CS

Lat. N 31° 34' 38.38" Long. W 103° 7' 25.84"



30 15 0 15 30

Distance in Feet

LEGEND:

- Sidewall Soil Sample Location
- Floor Soil Sample Location
- Original Berm Location
- New Berm Location

Figure 3

Site Location Map
High Sierra Transportation
Carpenter Station
Lea County, NM

NOVA safety and environmental

2057 Commerce Drive
Midland, Texas 79703
432.520.7720

www.novasafetyandenvironmental.com

December 10, 2013	Scale: 1" = 30'	CAD By: TA	Checked By: CS
Lat. N 32° 34' 38.38" Long. W 103° 7' 25.84"			

TABLE 1

CONCENTRATIONS OF BTEX AND TPH IN SOIL

HIGH SIERRA TRANSPORTATION
HOBBS STATION (CARPENTER STATION)
LEA COUNTY, NEW MEXICO

All concentrations are reported in mg/Kg

SAMPLE LOCATION	SAMPLE DATE	SOIL STATUS	METHODS: SW 846-8021b						METHOD: SW 8015M			
			BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE	TOTAL BTEX	TPH GRO C_6-C_{12}	TPH DRO C_{12}-C_{28}	TPH ORO C_{28}-C_{35}	TOTAL TPH C_6-C_{35}
NMOCD Regulatory Guidelines			**10**	**-**	**-**	**-**		**50**	**-**	**-**	**-**	**100**
Sample Point 1	11/26/13	Excavated	-	-	-	-	-	-	<27.8	164	<27.8	**164**
Sample Point 2	11/26/13	In-Situ	<0.00116	<0.00233	<0.00116	0.00251	<0.00116	0.00251	<29.1	30.5	<29.1	30.5
Sample Point 3	11/26/13	In-Situ	<0.00112	<0.00225	<0.00112	0.0307	0.0144	0.0451	<28.1	36.8	<28.1	36.8
Sample Point 4	11/26/13	Excavated	-	-	-	-	-	-	9230	18200	2570	**30,000**
Sample Point 1-A	12/02/13	In-Situ	<0.00100	<0.00220	0.00130	0.00560	0.00143	0.00833	<27.5	<27.5	<27.5	<27.5
Sample Point 4 Exc. WW	12/02/13	In-Situ	<0.00109	<0.00217	<0.00109	<0.00217	<0.00109	<0.00217	<27.2	<27.2	<27.2	<27.2
Sample Point 4 Exc. SW	12/02/13	In-Situ	<0.00108	0.00341	0.00867	0.0481	0.0124	0.07258	<26.9	84.7	<26.9	84.7
Sample Point 4 Exc. EW	12/02/13	Excavated	-	-	-	-	-	-	98.2	615	67.6	**781**
Sample Point 4 Exc. NW	12/02/13	In-Situ	<0.00109	<0.00217	<0.00109	<0.00217	<0.00109	<0.00217	<27.2	<27.2	<27.2	<27.2
Sample Point 4-A @ 3'	12/03/13	Excavated	-	-	-	-	-	-	128	1120	136	**1,390**
Sample Point 4 Expanded EXC BH@6'	02/24/14	In-Situ	<0.00110	<0.00220	0.00311	0.0110	0.00411	0.01822	<27.5	133	<27.5	**133**
Sample Point 4 Expanded EXC SW@5'	02/24/14	In-Situ	0.0120	0.309	0.347	0.535	0.209	1.4120	220	1830	250	**2,300**
Sample Point 4 Expanded EXC WW@5'	02/24/14	In-Situ	<0.00109	<0.00217	<0.00109	0.00324	<0.00109	0.00324	<27.2	86.9	<27.2	86.9
Sample Point 4 Expanded EXC EW@4'	02/24/14	In-Situ	<0.00109	0.00526	0.00320	0.0365	0.0229	0.06786	<27.2	181	28.2	**209.2**
Sample Point 4 Expanded EXC NW@5'	02/24/14	In-Situ	<0.00109	<0.00217	0.00205	0.0139	0.00591	0.02186	<27.2	110	<27.2	**110**
East Trench @ 2.5'	02/24/14	In-Situ	4.12	44.2	41.4	61.8	23.4	**174.92**	7950	16400	2680	**27,030**

NOVA
safety and environmental

Photographic Documentation

Client: High Sierra Transportation
Project Name: Hobbs Station (Carpenter Station)

Prepared by: NOVA
Location: Lea County, New Mexico

Photograph No. 1 **Date:** **November 22, 2013** **Direction:** **West** **Description:** **Release following recovery of free product, prior to excavation. Release point at upper center of photo.**	
Photograph No. 2 **Date:** **November 22, 2013** **Direction:** **East** **Description:** **Release following recovery of free product, prior to excavation.**	

NOVA
safety and environmental

Photographic Documentation

Client: High Sierra Transportation
Project Name: Hobbs Station (Carpenter Station)

Prepared by: NOVA
Location: Lea County, New Mexico

Photograph No. 3 **Date:** **November 22, 2013** **Direction:** **North** **Description:** **Release following recovery of free product, prior to excavation. Original berm in place.**	
Photograph No. 4 **Date:** **November 23, 2013** **Direction:** **Southeast** **Description:** **Following hand excavation of impacted soil.**	

NOVA
safety and environmental

Photographic Documentation

Client: High Sierra Transportation
Project Name: Hobbs Station (Carpenter Station)

Prepared by: NOVA
Location: Lea County, New Mexico

Photograph No. 5 **Date:** **November 23, 2013** **Direction:** **Northwest** **Description:** **Following hand excavation of impacted soil.**	
Photograph No. 6 **Date:** **December 2, 2013** **Direction:** **Southwest** **Description:** **Following additional hand excavation of impacted soil represented by soil sample "Sample Point 1"**	

NOVA
safety and environmental

Photographic Documentation

Client: High Sierra Transportation
Project Name: Hobbs Station (Carpenter Station)

Prepared by: NOVA
Location: Lea County, New Mexico

Photograph No. 7 **Date:** **December 2, 2013** **Direction:** **South** **Description:** **Eastern berm expanded to east of original location.**	
Photograph No. 8 **Date:** **February 24, 2014** **Direction:** **South** **Description:** **South sidewall of investigation trench (East Trench).**	

NOVA
safety and environmental

Photographic Documentation

Client: High Sierra Transportation
Project Name: Hobbs Station (Carpenter Station)

Prepared by: NOVA
Location: Lea County, New Mexico

Photograph No. 9 **Date:** **February 24, 2014** **Direction:** **Southwest** **Description:** **South Sidewall of Sample Point 4 Expanded Excavation.**	
Photograph No. 10 **Date:** **February 24, 2014** **Direction:** **Down onto South Sidewall of Investigation Trench** **Description:** **South Sidewall of investigation trench, exhibiting heavily impacted layer of soil outside of secondary containment.**	

PERMIAN BASIN
ENVIRONMENTAL LAB, LP
10014 SCR 1213
Midland, TX 79706

PBELAB

Analytical Report

Prepared for:

Curt Stanley
Nova Safety & Environmental
2057 Commerce Street
Midland, TX 79703

Project: High Sierra
Project Number: Carpenter Station
Location: Lea County, NM

Lab Order Number: 3K26003

NELAP/TCEQ # T104704156-13-3

Report Date: 12/02/13

Nova Safety & Environmental	Project: High Sierra	Fax: (432) 520-7701
2057 Commerce Street	Project Number: Carpenter Station	
Midland TX, 79703	Project Manager: Curt Stanley	

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Sample Point 1	3K26003-01	Soil	11/26/13 12:30	11-26-2013 16:02
Sample Point 2	3K26003-02	Soil	11/26/13 12:35	11-26-2013 16:02
Sample Point 3	3K26003-03	Soil	11/26/13 12:40	11-26-2013 16:02
Sample Point 4	3K26003-04	Soil	11/26/13 12:45	11-26-2013 16:02

Nova Safety & Environmental	Project: High Sierra	Fax: (432) 520-7701
2057 Commerce Street	Project Number: Carpenter Station	
Midland TX, 79703	Project Manager: Curt Stanley	

Sample Point 1

3K26003-01 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**10.0**	0.1	%	1	P3K2702	11/27/13	11/27/13	% calculation	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	P3K2701	11/26/13	11/26/13	TPH 8015M	
>C12-C28	**164**	27.8	mg/kg dry	1	P3K2701	11/26/13	11/26/13	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P3K2701	11/26/13	11/26/13	TPH 8015M	
Surrogate: 1-Chlorooctane		*102 %*	*70-130*		*P3K2701*	*11/26/13*	*11/26/13*	*TPH 8015M*	
Surrogate: o-Terphenyl		*93.8 %*	*70-130*		*P3K2701*	*11/26/13*	*11/26/13*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**164**	83.3	mg/kg dry	1	[CALC]	11/26/13	11/26/13	calc	

Nova Safety & Environmental	Project: High Sierra	Fax: (432) 520-7701
2057 Commerce Street	Project Number: Carpenter Station	
Midland TX, 79703	Project Manager: Curt Stanley	

Sample Point 2

3K26003-02 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00116	mg/kg dry	1	P3L0201	11/27/13	11/27/13	EPA 8021B	
Toluene	ND	0.00233	mg/kg dry	1	P3L0201	11/27/13	11/27/13	EPA 8021B	
Ethylbenzene	ND	0.00116	mg/kg dry	1	P3L0201	11/27/13	11/27/13	EPA 8021B	
Xylene (p/m)	**0.00251**	0.00233	mg/kg dry	1	P3L0201	11/27/13	11/27/13	EPA 8021B	
Xylene (o)	ND	0.00116	mg/kg dry	1	P3L0201	11/27/13	11/27/13	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*84.6 %*	*75-125*		*P3L0201*	*11/27/13*	*11/27/13*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*78.3 %*	*75-125*		*P3L0201*	*11/27/13*	*11/27/13*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**14.0**	0.1	%	1	P3K2702	11/27/13	11/27/13	% calculation	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	29.1	mg/kg dry	1	P3K2701	11/26/13	11/26/13	TPH 8015M	
>C12-C28	**30.5**	29.1	mg/kg dry	1	P3K2701	11/26/13	11/26/13	TPH 8015M	
>C28-C35	ND	29.1	mg/kg dry	1	P3K2701	11/26/13	11/26/13	TPH 8015M	
Surrogate: 1-Chlorooctane		*85.6 %*	*70-130*		*P3K2701*	*11/26/13*	*11/26/13*	*TPH 8015M*	
Surrogate: o-Terphenyl		*76.9 %*	*70-130*		*P3K2701*	*11/26/13*	*11/26/13*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	87.2	mg/kg dry	1	[CALC]	11/26/13	11/26/13	calc	

Nova Safety & Environmental	Project: High Sierra	Fax: (432) 520-7701
2057 Commerce Street	Project Number: Carpenter Station	
Midland TX, 79703	Project Manager: Curt Stanley	

Sample Point 3

3K26003-03 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00112	mg/kg dry	1	P3L0201	11/27/13	11/27/13	EPA 8021B	
Toluene	ND	0.00225	mg/kg dry	1	P3L0201	11/27/13	11/27/13	EPA 8021B	
Ethylbenzene	ND	0.00112	mg/kg dry	1	P3L0201	11/27/13	11/27/13	EPA 8021B	
Xylene (p/m)	**0.0307**	0.00225	mg/kg dry	1	P3L0201	11/27/13	11/27/13	EPA 8021B	
Xylene (o)	**0.0144**	0.00112	mg/kg dry	1	P3L0201	11/27/13	11/27/13	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*106 %*	*75-125*		*P3L0201*	*11/27/13*	*11/27/13*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*83.3 %*	*75-125*		*P3L0201*	*11/27/13*	*11/27/13*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**11.0**	0.1	%	1	P3K2702	11/27/13	11/27/13	% calculation	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.1	mg/kg dry	1	P3K2701	11/26/13	11/26/13	TPH 8015M	
>C12-C28	**36.8**	28.1	mg/kg dry	1	P3K2701	11/26/13	11/26/13	TPH 8015M	
>C28-C35	ND	28.1	mg/kg dry	1	P3K2701	11/26/13	11/26/13	TPH 8015M	
Surrogate: 1-Chlorooctane		*88.5 %*	*70-130*		*P3K2701*	*11/26/13*	*11/26/13*	*TPH 8015M*	
Surrogate: o-Terphenyl		*82.2 %*	*70-130*		*P3K2701*	*11/26/13*	*11/26/13*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	84.3	mg/kg dry	1	[CALC]	11/26/13	11/26/13	calc	

Nova Safety & Environmental	Project: High Sierra	Fax: (432) 520-7701
2057 Commerce Street	Project Number: Carpenter Station	
Midland TX, 79703	Project Manager: Curt Stanley	

Sample Point 4

3K26003-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**16.0**	0.1	%	1	P3K2702	11/27/13	11/27/13	% calculation	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**9230**	298	mg/kg dry	10	P3K2701	11/26/13	11/26/13	TPH 8015M	
>C12-C28	**18200**	298	mg/kg dry	10	P3K2701	11/26/13	11/26/13	TPH 8015M	
>C28-C35	**2570**	298	mg/kg dry	10	P3K2701	11/26/13	11/26/13	TPH 8015M	
Surrogate: 1-Chlorooctane		*120 %*	*70-130*		*P3K2701*	*11/26/13*	*11/26/13*	*TPH 8015M*	
Surrogate: o-Terphenyl		*92.4 %*	*70-130*		*P3K2701*	*11/26/13*	*11/26/13*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**30000**	893	mg/kg dry	10	[CALC]	11/26/13	11/26/13	calc	

Nova Safety & Environmental
2057 Commerce Street
Midland TX, 79703

Project: High Sierra
Project Number: Carpenter Station
Project Manager: Curt Stanley

Fax: (432) 520-7701

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3L0201 - General Preparation (GC)										
Blank (P3L0201-BLK1)				Prepared & Analyzed: 11/27/13						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00200	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	*48.7*		*ug/kg*	*60.0*		*81.2*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*61.7*		*"*	*60.0*		*103*	*75-125*			
LCS (P3L0201-BS1)				Prepared & Analyzed: 11/27/13						
Benzene	0.110	0.00100	mg/kg wet	0.100		110	80-120			
Toluene	0.0966	0.00200	"	0.100		96.6	80-120			
Ethylbenzene	0.0936	0.00100	"	0.100		93.6	80-120			
Xylene (p/m)	0.210	0.00200	"	0.200		105	80-120			
Xylene (o)	0.0946	0.00100	"	0.100		94.6	80-120			
Surrogate: 4-Bromofluorobenzene	*66.9*		*ug/kg*	*60.0*		*112*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*52.5*		*"*	*60.0*		*87.5*	*75-125*			
LCS Dup (P3L0201-BSD1)				Prepared & Analyzed: 11/27/13						
Benzene	0.113	0.00100	mg/kg wet	0.100		113	80-120	2.31	20	
Toluene	0.0945	0.00200	"	0.100		94.5	80-120	2.20	20	
Ethylbenzene	0.0915	0.00100	"	0.100		91.5	80-120	2.23	20	
Xylene (p/m)	0.205	0.00200	"	0.200		103	80-120	2.35	20	
Xylene (o)	0.0928	0.00100	"	0.100		92.8	80-120	1.88	20	
Surrogate: 1,4-Difluorobenzene	*50.1*		*ug/kg*	*60.0*		*83.4*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*65.4*		*"*	*60.0*		*109*	*75-125*			

Nova Safety & Environmental	Project: High Sierra	Fax: (432) 520-7701
2057 Commerce Street	Project Number: Carpenter Station	
Midland TX, 79703	Project Manager: Curt Stanley	

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3K2702 - General Preparation (Prep)										
Blank (P3K2702-BLK1)				Prepared & Analyzed: 11/27/13						
% Moisture	ND	0.1	%							
Duplicate (P3K2702-DUP1)		**Source: 3K26001-01**		Prepared & Analyzed: 11/27/13						
% Moisture	8.0	0.1	%		8.0			0.00	20	

Nova Safety & Environmental	Project: High Sierra	Fax: (432) 520-7701
2057 Commerce Street	Project Number: Carpenter Station	
Midland TX, 79703	Project Manager: Curt Stanley	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3K2701 - TX 1005										
Blank (P3K2701-BLK1)				Prepared & Analyzed: 11/26/13						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*79.8*		"	*100*		*79.8*	*70-130*			
Surrogate: o-Terphenyl	*36.1*		"	*50.0*		*72.3*	*70-130*			
LCS (P3K2701-BS1)				Prepared & Analyzed: 11/26/13						
C6-C12	857	25.0	mg/kg wet	1000		85.7	75-125			
>C12-C28	967	25.0	"	1000		96.7	75-125			
Surrogate: 1-Chlorooctane	*95.1*		"	*100*		*95.1*	*70-130*			
Surrogate: o-Terphenyl	*38.3*		"	*50.0*		*76.6*	*70-130*			
LCS Dup (P3K2701-BSD1)				Prepared & Analyzed: 11/26/13						
C6-C12	822	25.0	mg/kg wet	1000		82.2	75-125	4.14	20	
>C12-C28	937	25.0	"	1000		93.7	75-125	3.19	20	
Surrogate: 1-Chlorooctane	*91.1*		"	*100*		*91.1*	*70-130*			
Surrogate: o-Terphenyl	*37.3*		"	*50.0*		*74.6*	*70-130*			
Matrix Spike (P3K2701-MS1)	**Source: 3K26001-01**			Prepared & Analyzed: 11/26/13						
C6-C12	1030	27.2	mg/kg dry	1090	165	79.7	75-125			
>C12-C28	1740	27.2	"	1090	1140	55.1	75-125			QM-05
Surrogate: 1-Chlorooctane	*102*		"	*109*		*93.5*	*70-130*			
Surrogate: o-Terphenyl	*45.6*		"	*54.3*		*84.0*	*70-130*			
Matrix Spike Dup (P3K2701-MSD1)	**Source: 3K26001-01**			Prepared & Analyzed: 11/26/13						
C6-C12	1070	27.2	mg/kg dry	1090	165	83.7	75-125	4.91	20	
>C12-C28	1860	27.2	"	1090	1140	66.4	75-125	18.5	20	QM-05
Surrogate: 1-Chlorooctane	*105*		"	*109*		*96.7*	*70-130*			
Surrogate: o-Terphenyl	*42.4*		"	*54.3*		*77.9*	*70-130*			

Nova Safety & Environmental	Project: High Sierra	Fax: (432) 520-7701
2057 Commerce Street	Project Number: Carpenter Station	
Midland TX, 79703	Project Manager: Curt Stanley	

Notes and Definitions

QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 12/2/2013

Brent Barron, Laboratory Director/Technical Director

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-686-7235.

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
10014 S. County Road 1213
Midland, Texas 79706

Phone: 432-661-4184

Project Manager: Curt Stanley
Company Name: Nova Safety and Environmental
Company Address: 2057 Commerce Dr.
City/State/Zip: Midland/TX/79703
Telephone No: (432)5207720
Fax No:
Sampler Signature:
e-mail: cstanley@novatraining.cc

Project Name: High Sierra
Project #: Carpenter Station
Project Loc: Lea County, NM
PO #:
Report Format: [X] Standard [ ] TRRP [ ] NPDES

(lab use only)
ORDER #: 3K2400 3

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: / TOTAL: X — TPH: 418.1 / 8015M / 8015B	TPH: TX 1005 / TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	pH	N.O.R.M.	TOX (Total Organic Halides)		RUSH TAT (Pre-schedule) 24, 48, 72 hrs	Standard TAT
01	Sample Point 1			11/26/2013	1230		1	x								Soil	X												X Hold		
02	Sample Point 2			11/26/2013	1235		1	x								Soil	X														
03	Sample Point 3			11/26/2013	1240		1	x								Soil	X														
04	Sample Point 4			11/26/2013	1245		1	x								Soil	X														

Special Instructions:
Bill to NOVA

Relinquished by:	Date	Time	Received by:	Date	Time
	11/26/13	0402			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
			Rolando Nuñez	11-26-13	1602

Laboratory Comments:

Sample Containers Intact?	N
VOCs Free of Headspace?	N
Labels on container(s)	N
Custody seals on container(s)	N
Custody seals on cooler(s)	N
Sample Hand Delivered	N
by Sampler/Client Rep. ?	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received: °C
Adjusted: 3.5 °C Factor Ncp

PERMIAN BASIN
ENVIRONMENTAL LAB, LP
10014 SCR 1213
Midland, TX 79706

PBELAB

Analytical Report

Prepared for:

Curt Stanley
Nova Safety & Environmental
2057 Commerce Street
Midland, TX 79703

Project: High Sierra
Project Number: Carpenter Station
Location: Lea County, NM

Lab Order Number: 3L04001

NELAP ACCREDITED TNI LABORATORY

NELAP/TCEQ # T104704156-13-3

Report Date: 12/11/13

Nova Safety & Environmental	Project: High Sierra	Fax: (432) 520-7701
2057 Commerce Street	Project Number: Carpenter Station	
Midland TX, 79703	Project Manager: Curt Stanley	

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Sample Point 1-A	3L04001-01	Soil	12/02/13 11:00	12-04-2013 10:56
Sample Point 4 Exc. WW	3L04001-02	Soil	12/02/13 13:00	12-04-2013 10:56
Sample Point 4 Exc. SW	3L04001-03	Soil	12/02/13 13:05	12-04-2013 10:56
Sample Point 4 Exc.EW	3L04001-04	Soil	12/02/13 13:10	12-04-2013 10:56
Sample Point 4 Exc. NW	3L04001-05	Soil	12/02/13 13:20	12-04-2013 10:56
Sample Point 4-A @ 3'	3L04001-06	Soil	12/03/13 11:00	12-04-2013 10:56

Nova Safety & Environmental	Project: High Sierra	Fax: (432) 520-7701
2057 Commerce Street	Project Number: Carpenter Station	
Midland TX, 79703	Project Manager: Curt Stanley	

Sample Point 1-A

3L04001-01 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00110	mg/kg dry	1	P3L1102	12/10/13	12/10/13	EPA 8021B	
Toluene	ND	0.00220	mg/kg dry	1	P3L1102	12/10/13	12/10/13	EPA 8021B	
Ethylbenzene	**0.00130**	0.00110	mg/kg dry	1	P3L1102	12/10/13	12/10/13	EPA 8021B	
Xylene (p/m)	**0.00560**	0.00220	mg/kg dry	1	P3L1102	12/10/13	12/10/13	EPA 8021B	
Xylene (o)	**0.00143**	0.00110	mg/kg dry	1	P3L1102	12/10/13	12/10/13	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*129 %*	*75-125*		*P3L1102*	*12/10/13*	*12/10/13*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*82.9 %*	*75-125*		*P3L1102*	*12/10/13*	*12/10/13*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**9.0**	0.1	%	1	P3L0501	12/05/13	12/05/13	% calculation	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P3L0502	12/04/13	12/04/13	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P3L0502	12/04/13	12/04/13	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P3L0502	12/04/13	12/04/13	TPH 8015M	
Surrogate: 1-Chlorooctane		*101 %*	*70-130*		*P3L0502*	*12/04/13*	*12/04/13*	*TPH 8015M*	
Surrogate: o-Terphenyl		*92.4 %*	*70-130*		*P3L0502*	*12/04/13*	*12/04/13*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	82.4	mg/kg dry	1	[CALC]	12/04/13	12/04/13	calc	

Nova Safety & Environmental	Project: High Sierra	Fax: (432) 520-7701
2057 Commerce Street	Project Number: Carpenter Station	
Midland TX, 79703	Project Manager: Curt Stanley	

Sample Point 4 Exc. WW

3L04001-02 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00109	mg/kg dry	1	P3L1102	12/10/13	12/10/13	EPA 8021B	
Toluene	ND	0.00217	mg/kg dry	1	P3L1102	12/10/13	12/10/13	EPA 8021B	
Ethylbenzene	ND	0.00109	mg/kg dry	1	P3L1102	12/10/13	12/10/13	EPA 8021B	
Xylene (p/m)	ND	0.00217	mg/kg dry	1	P3L1102	12/10/13	12/10/13	EPA 8021B	
Xylene (o)	ND	0.00109	mg/kg dry	1	P3L1102	12/10/13	12/10/13	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*74.6 %*	*75-125*		*P3L1102*	*12/10/13*	*12/10/13*	*EPA 8021B*	*S-GC*
Surrogate: 4-Bromofluorobenzene		*86.8 %*	*75-125*		*P3L1102*	*12/10/13*	*12/10/13*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**8.0**	0.1	%	1	P3L0501	12/05/13	12/05/13	% calculation	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P3L0502	12/04/13	12/04/13	TPH 8015M	
>C12-C28	ND	27.2	mg/kg dry	1	P3L0502	12/04/13	12/04/13	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P3L0502	12/04/13	12/04/13	TPH 8015M	
Surrogate: 1-Chlorooctane		*100 %*	*70-130*		*P3L0502*	*12/04/13*	*12/04/13*	*TPH 8015M*	
Surrogate: o-Terphenyl		*89.8 %*	*70-130*		*P3L0502*	*12/04/13*	*12/04/13*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	81.5	mg/kg dry	1	[CALC]	12/04/13	12/04/13	calc	

Nova Safety & Environmental	Project: High Sierra	Fax: (432) 520-7701
2057 Commerce Street	Project Number: Carpenter Station	
Midland TX, 79703	Project Manager: Curt Stanley	

Sample Point 4 Exc. SW

3L04001-03 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00108	mg/kg dry	1	P3L1102	12/10/13	12/10/13	EPA 8021B	
Toluene	**0.00341**	0.00215	mg/kg dry	1	P3L1102	12/10/13	12/10/13	EPA 8021B	
Ethylbenzene	**0.00867**	0.00108	mg/kg dry	1	P3L1102	12/10/13	12/10/13	EPA 8021B	
Xylene (p/m)	**0.0481**	0.00215	mg/kg dry	1	P3L1102	12/10/13	12/10/13	EPA 8021B	
Xylene (o)	**0.0124**	0.00108	mg/kg dry	1	P3L1102	12/10/13	12/10/13	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*78.2 %*	*75-125*		*P3L1102*	*12/10/13*	*12/10/13*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*105 %*	*75-125*		*P3L1102*	*12/10/13*	*12/10/13*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**7.0**	0.1	%	1	P3L0501	12/05/13	12/05/13	% calculation	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.9	mg/kg dry	1	P3L0502	12/04/13	12/04/13	TPH 8015M	
>C12-C28	**84.7**	26.9	mg/kg dry	1	P3L0502	12/04/13	12/04/13	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P3L0502	12/04/13	12/04/13	TPH 8015M	
Surrogate: 1-Chlorooctane		*100 %*	*70-130*		*P3L0502*	*12/04/13*	*12/04/13*	*TPH 8015M*	
Surrogate: o-Terphenyl		*92.4 %*	*70-130*		*P3L0502*	*12/04/13*	*12/04/13*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**84.7**	80.6	mg/kg dry	1	[CALC]	12/04/13	12/04/13	calc	

Nova Safety & Environmental	Project: High Sierra	Fax: (432) 520-7701
2057 Commerce Street	Project Number: Carpenter Station	
Midland TX, 79703	Project Manager: Curt Stanley	

Sample Point 4 Exc.EW

3L04001-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**12.0**	0.1	%	1	P3L0501	12/05/13	12/05/13	% calculation	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**98.2**	28.4	mg/kg dry	1	P3L0502	12/04/13	12/04/13	TPH 8015M	
>C12-C28	**615**	28.4	mg/kg dry	1	P3L0502	12/04/13	12/04/13	TPH 8015M	
>C28-C35	**67.6**	28.4	mg/kg dry	1	P3L0502	12/04/13	12/04/13	TPH 8015M	
Surrogate: 1-Chlorooctane		*100 %*	*70-130*		*P3L0502*	*12/04/13*	*12/04/13*	*TPH 8015M*	
Surrogate: o-Terphenyl		*91.9 %*	*70-130*		*P3L0502*	*12/04/13*	*12/04/13*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**781**	85.2	mg/kg dry	1	[CALC]	12/04/13	12/04/13	calc	

Nova Safety & Environmental	Project: High Sierra	Fax: (432) 520-7701
2057 Commerce Street	Project Number: Carpenter Station	
Midland TX, 79703	Project Manager: Curt Stanley	

Sample Point 4 Exc. NW

3L04001-05 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00109	mg/kg dry	1	P3L1102	12/10/13	12/10/13	EPA 8021B	
Toluene	ND	0.00217	mg/kg dry	1	P3L1102	12/10/13	12/10/13	EPA 8021B	
Ethylbenzene	ND	0.00109	mg/kg dry	1	P3L1102	12/10/13	12/10/13	EPA 8021B	
Xylene (p/m)	ND	0.00217	mg/kg dry	1	P3L1102	12/10/13	12/10/13	EPA 8021B	
Xylene (o)	ND	0.00109	mg/kg dry	1	P3L1102	12/10/13	12/10/13	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*97.5 %*	*75-125*		*P3L1102*	*12/10/13*	*12/10/13*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*86.7 %*	*75-125*		*P3L1102*	*12/10/13*	*12/10/13*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**8.0**	0.1	%	1	P3L0501	12/05/13	12/05/13	% calculation	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P3L0502	12/04/13	12/04/13	TPH 8015M	
>C12-C28	ND	27.2	mg/kg dry	1	P3L0502	12/04/13	12/04/13	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P3L0502	12/04/13	12/04/13	TPH 8015M	
Surrogate: 1-Chlorooctane		*87.8 %*	*70-130*		*P3L0502*	*12/04/13*	*12/04/13*	*TPH 8015M*	
Surrogate: o-Terphenyl		*80.5 %*	*70-130*		*P3L0502*	*12/04/13*	*12/04/13*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	81.5	mg/kg dry	1	[CALC]	12/04/13	12/04/13	calc	

Nova Safety & Environmental	Project: High Sierra	Fax: (432) 520-7701
2057 Commerce Street	Project Number: Carpenter Station	
Midland TX, 79703	Project Manager: Curt Stanley	

Sample Point 4-A @ 3'

3L04001-06 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**8.0**	0.1	%	1	P3L0501	12/05/13	12/05/13	% calculation	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**128**	27.2	mg/kg dry	1	P3L0502	12/04/13	12/04/13	TPH 8015M	
>C12-C28	**1120**	27.2	mg/kg dry	1	P3L0502	12/04/13	12/04/13	TPH 8015M	
>C28-C35	**136**	27.2	mg/kg dry	1	P3L0502	12/04/13	12/04/13	TPH 8015M	
Surrogate: 1-Chlorooctane		*101 %*	*70-130*		*P3L0502*	*12/04/13*	*12/04/13*	*TPH 8015M*	
Surrogate: o-Terphenyl		*98.6 %*	*70-130*		*P3L0502*	*12/04/13*	*12/04/13*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**1390**	81.5	mg/kg dry	1	[CALC]	12/04/13	12/04/13	calc	

Nova Safety & Environmental
2057 Commerce Street
Midland TX, 79703

Project: High Sierra
Project Number: Carpenter Station
Project Manager: Curt Stanley

Fax: (432) 520-7701

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3L1102 - General Preparation (GC)										
Blank (P3L1102-BLK1)			Prepared & Analyzed: 12/10/13							
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00200	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	*60.3*		*ug/kg*	*60.0*		*101*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*48.5*		*"*	*60.0*		*80.8*	*75-125*			
LCS (P3L1102-BS1)			Prepared & Analyzed: 12/10/13							
Benzene	0.112	0.00100	mg/kg wet	0.100		112	80-120			
Toluene	0.113	0.00200	"	0.100		113	80-120			
Ethylbenzene	0.118	0.00100	"	0.100		118	80-120			
Xylene (p/m)	0.218	0.00200	"	0.200		109	80-120			
Xylene (o)	0.0949	0.00100	"	0.100		94.9	80-120			
Surrogate: 1,4-Difluorobenzene	*57.7*		*ug/kg*	*60.0*		*96.2*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*84.9*		*"*	*60.0*		*142*	*75-125*			*S-GC*
LCS Dup (P3L1102-BSD1)			Prepared & Analyzed: 12/10/13							
Benzene	0.118	0.00100	mg/kg wet	0.100		118	80-120	5.68	20	
Toluene	0.104	0.00200	"	0.100		104	80-120	8.29	20	
Ethylbenzene	0.119	0.00100	"	0.100		119	80-120	0.649	20	
Xylene (p/m)	0.229	0.00200	"	0.200		114	80-120	4.89	20	
Xylene (o)	0.0975	0.00100	"	0.100		97.5	80-120	2.78	20	
Surrogate: 4-Bromofluorobenzene	*78.9*		*ug/kg*	*60.0*		*131*	*75-125*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*49.3*		*"*	*60.0*		*82.1*	*75-125*			

Nova Safety & Environmental	Project: High Sierra	Fax: (432) 520-7701
2057 Commerce Street	Project Number: Carpenter Station	
Midland TX, 79703	Project Manager: Curt Stanley	

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3L0501 - * DEFAULT PREP *** **										
Blank (P3L0501-BLK1)				Prepared & Analyzed: 12/05/13						
% Moisture	ND	0.1	%							
Duplicate (P3L0501-DUP1)		**Source: 3L03001-01**		Prepared & Analyzed: 12/05/13						
% Moisture	3.0	0.1	%		3.0			0.00	20	

Nova Safety & Environmental	Project: High Sierra	Fax: (432) 520-7701
2057 Commerce Street	Project Number: Carpenter Station	
Midland TX, 79703	Project Manager: Curt Stanley	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3L0502 - TX 1005										
Blank (P3L0502-BLK1)				Prepared & Analyzed: 12/04/13						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*94.0*		"	*100*		*94.0*	*70-130*			
Surrogate: o-Terphenyl	*47.5*		"	*50.0*		*94.9*	*70-130*			
LCS (P3L0502-BS1)				Prepared & Analyzed: 12/04/13						
C6-C12	922	25.0	mg/kg wet	1000		92.2	75-125			
>C12-C28	1000	25.0	"	1000		100	75-125			
Surrogate: 1-Chlorooctane	*102*		"	*100*		*102*	*70-130*			
Surrogate: o-Terphenyl	*43.3*		"	*50.0*		*86.6*	*70-130*			
LCS Dup (P3L0502-BSD1)				Prepared & Analyzed: 12/04/13						
C6-C12	947	25.0	mg/kg wet	1000		94.7	75-125	2.68	20	
>C12-C28	1020	25.0	"	1000		102	75-125	1.82	20	
Surrogate: 1-Chlorooctane	*105*		"	*100*		*105*	*70-130*			
Surrogate: o-Terphenyl	*43.4*		"	*50.0*		*86.8*	*70-130*			

Nova Safety & Environmental	Project: High Sierra	Fax: (432) 520-7701
2057 Commerce Street	Project Number: Carpenter Station	
Midland TX, 79703	Project Manager: Curt Stanley	

Notes and Definitions

S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 12/11/2013

Brent Barron, Laboratory Director/Technical Director

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-686-7235.

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
10014 S. County Road 1213
Midland, Texas 79706
Phone: 432-661-4184

Project Manager: Curt Stanley
Company Name: Nova Safety and Environmental
Company Address: 2057 Commerce Dr.
City/State/Zip: Midland/TX/79703
Telephone No: (432)5207720
Fax No:
Sampler Signature: [signature] ALBERT
e-mail: cstanley@novatraining.cc

Project Name: High Sierra
Project #: Carpenter Station
Project Loc: Lea County, NM
PO #:
Report Format: [X] Standard [ ] TRRP [ ] NPDES

(lab use only) ORDER #: 3L04001

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW=Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: / TOTAL: X — TPH: 8015B	TPH: 8015M	418.1	TPH: TX 1005	TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	pH	N.O.R.M.	TOX (Total Organic Halides)	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
-01	Sample Point 1-A			12/2/2013	1100		1	x								Soil	X																
-02	Sample Point 4 Exc. WW			12/2/2013	1300		1	x								Soil	X																
-03	Sample Point 4 Exc. SW			12/2/2013	1305		1	x								Soil	X																
-04	Sample Point 4 Exc. EW			12/2/2013	1310		1	x								Soil	X																
-05	Sample Point 4 Exc. NW			12/2/2013	1320		1	x								Soil	X																
-06	Sample Pint 4-A @ 3'			12/3/2013	1100		1	x								Soil	X																

Special Instructions: Bill to NOVA

	Date	Time		Date	Time
Relinquished by: [signature]	12/3/13	1625	Received by: [signature]	12/3/13	1625
Relinquished by: [signature]	12/4/13	10:56	Received by:		
Relinquished by:			Received by PBEL: [signature]	12/4/13	1056

Laboratory Comments:

Sample Containers Intact?	N
VOCs Free of Headspace?	N
Labels on container(s)	N
Custody seals on container(s)	N
Custody seals on cooler(s)	N
Sample Hand Delivered	N
by Sampler/Client Rep. ?	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received: 3.5 °C
Adjusted: °C Factor NCF

PERMIAN BASIN
ENVIRONMENTAL LAB, LP
10014 SCR 1213
Midland, TX 79706

PBELAB

Analytical Report

Prepared for:

Curt Stanley
Nova Safety & Environmental
2057 Commerce Street
Midland, TX 79703

Project: High Sierra Transportation
Project Number: Carpenter Station
Location: Lea County, NM

Lab Order Number: 4B27001

NELAP ACCREDITED TNI LABORATORY

NELAP/TCEQ # T104704156-13-3

Report Date: 02/28/14

Nova Safety & Environmental	Project: High Sierra Transportation	Fax: (432) 520-7701
2057 Commerce Street	Project Number: Carpenter Station	
Midland TX, 79703	Project Manager: Curt Stanley	

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Sample Point 4 Expanded EXC BH @ 6'	4B27001-01	Soil	02/24/14 11:30	02-27-2014 09:00
Sample Point 4 Expanded EXC SW @ 5'	4B27001-02	Soil	02/24/14 11:35	02-27-2014 09:00
Sample Point 4 Expanded EXC WW @ 5'	4B27001-03	Soil	02/24/14 11:40	02-27-2014 09:00
Sample Point 4 Expanded EXC EW @ 4'	4B27001-04	Soil	02/24/14 11:45	02-27-2014 09:00
Sample Point 4 Expanded EXC NW @ 5'	4B27001-05	Soil	02/24/14 11:50	02-27-2014 09:00

Nova Safety & Environmental	Project: High Sierra Transportation	Fax: (432) 520-7701
2057 Commerce Street	Project Number: Carpenter Station	
Midland TX, 79703	Project Manager: Curt Stanley	

Sample Point 4 Expanded EXC BH @ 6'

4B27001-01 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00110	mg/kg dry	1	P4B2803	02/27/14	02/28/14	EPA 8021B	
Toluene	ND	0.00220	mg/kg dry	1	P4B2803	02/27/14	02/28/14	EPA 8021B	
Ethylbenzene	**0.00311**	0.00110	mg/kg dry	1	P4B2803	02/27/14	02/28/14	EPA 8021B	
Xylene (p/m)	**0.0110**	0.00220	mg/kg dry	1	P4B2803	02/27/14	02/28/14	EPA 8021B	
Xylene (o)	**0.00411**	0.00110	mg/kg dry	1	P4B2803	02/27/14	02/28/14	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*121 %*	*75-125*		*P4B2803*	*02/27/14*	*02/28/14*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*88.7 %*	*75-125*		*P4B2803*	*02/27/14*	*02/28/14*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**9.0**	0.1	%	1	P4B2801	02/27/14	02/28/14	% calculation	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P4B2802	02/27/14	02/27/14	TPH 8015M	
>C12-C28	**133**	27.5	mg/kg dry	1	P4B2802	02/27/14	02/27/14	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P4B2802	02/27/14	02/27/14	TPH 8015M	
Surrogate: 1-Chlorooctane		*91.6 %*	*70-130*		*P4B2802*	*02/27/14*	*02/27/14*	*TPH 8015M*	
Surrogate: o-Terphenyl		*98.3 %*	*70-130*		*P4B2802*	*02/27/14*	*02/27/14*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**133**	82.4	mg/kg dry	1	[CALC]	02/27/14	02/27/14	calc	

Nova Safety & Environmental	Project: High Sierra Transportation	Fax: (432) 520-7701
2057 Commerce Street	Project Number: Carpenter Station	
Midland TX, 79703	Project Manager: Curt Stanley	

Sample Point 4 Expanded EXC SW @ 5'

4B27001-02 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.0120**	0.00111	mg/kg dry	1	P4B2803	02/27/14	02/28/14	EPA 8021B	
Toluene	**0.309**	0.00222	mg/kg dry	1	P4B2803	02/27/14	02/28/14	EPA 8021B	
Ethylbenzene	**0.347**	0.00111	mg/kg dry	1	P4B2803	02/27/14	02/28/14	EPA 8021B	
Xylene (p/m)	**0.535**	0.00222	mg/kg dry	1	P4B2803	02/27/14	02/28/14	EPA 8021B	
Xylene (o)	**0.209**	0.00111	mg/kg dry	1	P4B2803	02/27/14	02/28/14	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*77.8 %*	*75-125*		*P4B2803*	*02/27/14*	*02/28/14*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*88.8 %*	*75-125*		*P4B2803*	*02/27/14*	*02/28/14*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**10.0**	0.1	%	1	P4B2801	02/27/14	02/28/14	% calculation	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**220**	27.8	mg/kg dry	1	P4B2802	02/27/14	02/27/14	TPH 8015M	
>C12-C28	**1830**	27.8	mg/kg dry	1	P4B2802	02/27/14	02/27/14	TPH 8015M	
>C28-C35	**250**	27.8	mg/kg dry	1	P4B2802	02/27/14	02/27/14	TPH 8015M	
Surrogate: 1-Chlorooctane		*93.0 %*	*70-130*		*P4B2802*	*02/27/14*	*02/27/14*	*TPH 8015M*	
Surrogate: o-Terphenyl		*111 %*	*70-130*		*P4B2802*	*02/27/14*	*02/27/14*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**2300**	83.3	mg/kg dry	1	[CALC]	02/27/14	02/27/14	calc	

Nova Safety & Environmental	Project: High Sierra Transportation	Fax: (432) 520-7701
2057 Commerce Street	Project Number: Carpenter Station	
Midland TX, 79703	Project Manager: Curt Stanley	

Sample Point 4 Expanded EXC WW @ 5'

4B27001-03 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00109	mg/kg dry	1	P4B2803	02/27/14	02/28/14	EPA 8021B	
Toluene	ND	0.00217	mg/kg dry	1	P4B2803	02/27/14	02/28/14	EPA 8021B	
Ethylbenzene	ND	0.00109	mg/kg dry	1	P4B2803	02/27/14	02/28/14	EPA 8021B	
Xylene (p/m)	**0.00324**	0.00217	mg/kg dry	1	P4B2803	02/27/14	02/28/14	EPA 8021B	
Xylene (o)	ND	0.00109	mg/kg dry	1	P4B2803	02/27/14	02/28/14	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*90.7 %*	*75-125*		*P4B2803*	*02/27/14*	*02/28/14*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*108 %*	*75-125*		*P4B2803*	*02/27/14*	*02/28/14*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**8.0**	0.1	%	1	P4B2801	02/27/14	02/28/14	% calculation	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P4B2802	02/27/14	02/27/14	TPH 8015M	
>C12-C28	**86.9**	27.2	mg/kg dry	1	P4B2802	02/27/14	02/27/14	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P4B2802	02/27/14	02/27/14	TPH 8015M	
Surrogate: 1-Chlorooctane		*87.5 %*	*70-130*		*P4B2802*	*02/27/14*	*02/27/14*	*TPH 8015M*	
Surrogate: o-Terphenyl		*92.4 %*	*70-130*		*P4B2802*	*02/27/14*	*02/27/14*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**86.9**	81.5	mg/kg dry	1	[CALC]	02/27/14	02/27/14	calc	

Nova Safety & Environmental	Project: High Sierra Transportation	Fax: (432) 520-7701
2057 Commerce Street	Project Number: Carpenter Station	
Midland TX, 79703	Project Manager: Curt Stanley	

Sample Point 4 Expanded EXC EW @ 4'

4B27001-04 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00109	mg/kg dry	1	P4B2803	02/27/14	02/28/14	EPA 8021B	
Toluene	**0.00526**	0.00217	mg/kg dry	1	P4B2803	02/27/14	02/28/14	EPA 8021B	
Ethylbenzene	**0.00320**	0.00109	mg/kg dry	1	P4B2803	02/27/14	02/28/14	EPA 8021B	
Xylene (p/m)	**0.0365**	0.00217	mg/kg dry	1	P4B2803	02/27/14	02/28/14	EPA 8021B	
Xylene (o)	**0.0229**	0.00109	mg/kg dry	1	P4B2803	02/27/14	02/28/14	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*85.4 %*	*75-125*		*P4B2803*	*02/27/14*	*02/28/14*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*138 %*	*75-125*		*P4B2803*	*02/27/14*	*02/28/14*	*EPA 8021B*	*S-GC*
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**8.0**	0.1	%	1	P4B2801	02/27/14	02/28/14	% calculation	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P4B2802	02/27/14	02/27/14	TPH 8015M	
>C12-C28	**181**	27.2	mg/kg dry	1	P4B2802	02/27/14	02/27/14	TPH 8015M	
>C28-C35	**28.2**	27.2	mg/kg dry	1	P4B2802	02/27/14	02/27/14	TPH 8015M	
Surrogate: 1-Chlorooctane		*93.1 %*	*70-130*		*P4B2802*	*02/27/14*	*02/27/14*	*TPH 8015M*	
Surrogate: o-Terphenyl		*102 %*	*70-130*		*P4B2802*	*02/27/14*	*02/27/14*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**209**	81.5	mg/kg dry	1	[CALC]	02/27/14	02/27/14	calc	

Nova Safety & Environmental	Project: High Sierra Transportation	Fax: (432) 520-7701
2057 Commerce Street	Project Number: Carpenter Station	
Midland TX, 79703	Project Manager: Curt Stanley	

Sample Point 4 Expanded EXC NW @ 5'

4B27001-05 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00109	mg/kg dry	1	P4B2803	02/27/14	02/28/14	EPA 8021B	
Toluene	ND	0.00217	mg/kg dry	1	P4B2803	02/27/14	02/28/14	EPA 8021B	
Ethylbenzene	**0.00205**	0.00109	mg/kg dry	1	P4B2803	02/27/14	02/28/14	EPA 8021B	
Xylene (p/m)	**0.0139**	0.00217	mg/kg dry	1	P4B2803	02/27/14	02/28/14	EPA 8021B	
Xylene (o)	**0.00591**	0.00109	mg/kg dry	1	P4B2803	02/27/14	02/28/14	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*130 %*	*75-125*		*P4B2803*	*02/27/14*	*02/28/14*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*88.4 %*	*75-125*		*P4B2803*	*02/27/14*	*02/28/14*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**8.0**	0.1	%	1	P4B2801	02/27/14	02/28/14	% calculation	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P4B2802	02/27/14	02/27/14	TPH 8015M	
>C12-C28	**110**	27.2	mg/kg dry	1	P4B2802	02/27/14	02/27/14	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P4B2802	02/27/14	02/27/14	TPH 8015M	
Surrogate: 1-Chlorooctane		*90.9 %*	*70-130*		*P4B2802*	*02/27/14*	*02/27/14*	*TPH 8015M*	
Surrogate: o-Terphenyl		*101 %*	*70-130*		*P4B2802*	*02/27/14*	*02/27/14*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**110**	81.5	mg/kg dry	1	[CALC]	02/27/14	02/27/14	calc	

Nova Safety & Environmental
2057 Commerce Street
Midland TX, 79703

Project: High Sierra Transportation
Project Number: Carpenter Station
Project Manager: Curt Stanley

Fax: (432) 520-7701

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4B2803 - General Preparation (GC)										
Blank (P4B2803-BLK1)				Prepared & Analyzed: 02/27/14						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00200	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	*64.9*		*ug/kg*	*60.0*		*108*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*57.6*		*"*	*60.0*		*96.0*	*75-125*			
LCS (P4B2803-BS1)				Prepared & Analyzed: 02/27/14						
Benzene	0.0859	0.00100	mg/kg wet	0.100		85.9	70-130			
Toluene	0.0962	0.00200	"	0.100		96.2	70-130			
Ethylbenzene	0.114	0.00100	"	0.100		114	70-130			
Xylene (p/m)	0.233	0.00200	"	0.200		116	70-130			
Xylene (o)	0.105	0.00100	"	0.100		105	70-130			
Surrogate: 4-Bromofluorobenzene	*78.6*		*ug/kg*	*60.0*		*131*	*75-125*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*60.5*		*"*	*60.0*		*101*	*75-125*			
LCS Dup (P4B2803-BSD1)				Prepared & Analyzed: 02/27/14						
Benzene	0.0904	0.00100	mg/kg wet	0.100		90.4	70-130	5.17	20	
Toluene	0.100	0.00200	"	0.100		100	70-130	4.15	20	
Ethylbenzene	0.119	0.00100	"	0.100		119	70-130	3.89	20	
Xylene (p/m)	0.228	0.00200	"	0.200		114	70-130	2.22	20	
Xylene (o)	0.107	0.00100	"	0.100		107	70-130	2.00	20	
Surrogate: 1,4-Difluorobenzene	*61.9*		*ug/kg*	*60.0*		*103*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*73.7*		*"*	*60.0*		*123*	*75-125*			

Nova Safety & Environmental	Project: High Sierra Transportation	Fax: (432) 520-7701
2057 Commerce Street	Project Number: Carpenter Station	
Midland TX, 79703	Project Manager: Curt Stanley	

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4B2801 - * DEFAULT PREP *** **										
Blank (P4B2801-BLK1)				Prepared: 02/27/14 Analyzed: 02/28/14						
% Moisture	ND	0.1	%							
Duplicate (P4B2801-DUP1)		**Source: 4B27001-01**		Prepared: 02/27/14 Analyzed: 02/28/14						
% Moisture	10.0	0.1	%		9.0			10.5	20	

Nova Safety & Environmental	Project: High Sierra Transportation	Fax: (432) 520-7701
2057 Commerce Street	Project Number: Carpenter Station	
Midland TX, 79703	Project Manager: Curt Stanley	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4B2802 - TX 1005										
Blank (P4B2802-BLK1)				Prepared & Analyzed: 02/27/14						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*101*		*mg/kg*	*100*		*101*	*70-130*			
Surrogate: o-Terphenyl	*53.3*		*"*	*50.0*		*107*	*70-130*			
LCS (P4B2802-BS1)				Prepared & Analyzed: 02/27/14						
C6-C12	1010	25.0	mg/kg wet	1000		101	75-125			
>C12-C28	1210	25.0	"	1000		121	75-125			
Surrogate: 1-Chlorooctane	*108*		*mg/kg*	*100*		*108*	*70-130*			
Surrogate: o-Terphenyl	*52.8*		*"*	*50.0*		*106*	*70-130*			
LCS Dup (P4B2802-BSD1)				Prepared & Analyzed: 02/27/14						
C6-C12	1040	25.0	mg/kg wet	1000		104	75-125	2.37	20	
>C12-C28	1240	25.0	"	1000		124	75-125	2.69	20	
Surrogate: 1-Chlorooctane	*111*		*mg/kg*	*100*		*111*	*70-130*			
Surrogate: o-Terphenyl	*52.6*		*"*	*50.0*		*105*	*70-130*			
Duplicate (P4B2802-DUP1)	**Source: 4B27001-01**			Prepared: 02/27/14 Analyzed: 02/28/14						
C6-C12	ND	27.5	mg/kg dry		ND				20	
>C12-C28	111	27.5	"		133			18.6	20	
Surrogate: 1-Chlorooctane	*109*		*mg/kg*	*100*		*109*	*70-130*			
Surrogate: o-Terphenyl	*58.4*		*"*	*50.0*		*117*	*70-130*			

Nova Safety & Environmental	Project: High Sierra Transportation	Fax: (432) 520-7701
2057 Commerce Street	Project Number: Carpenter Station	
Midland TX, 79703	Project Manager: Curt Stanley	

Notes and Definitions

S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 2/28/2014

Brent Barron, Laboratory Director/Technical Director

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-686-7235.

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
10014 S. County Road 1213
Midland, Texas 79706

Phone: 432-661-4184

Project Manager: Curt Stanley
Company Name: Nova Safety and Environmental
Company Address: 2057 Commerce Dr.
City/State/Zip: Midland/TX/79703
Telephone No: (432)5207720
Fax No:
Sampler Signature:
e-mail: cstanley@novatraining.cc

Project Name: High Sierra Transportation
Project #: Carpenter Station
Project Loc: Lea County, NM
PO #:
Report Format: [x] Standard [ ] TRRP [ ] NPDES

(lab use only)
ORDER #: 427001

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO3	HCl	H2SO4	NaOH	Na2S2O3	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW=Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: TPH: 418.1 / 8015M / 8015B	TOTAL: TPH: TX 1005 / TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	pH	N.O.R.M.	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
-01	Sample Point 4 Expanded Exc BH @ 6'			2/24/2014	1130		1	x								Soil	X							X				
-02	Sample Point 4 Expanded Exc SW @ 5'			2/24/2014	1135		1	x								Soil	X							X				
-03	Sample Point 4 Expanded Exc WW @ 5'			2/24/2014	1140		1	x								Soil	X							X				
-04	Sample Point 4 Expanded Exc EW @ 4'			2/24/2014	1145		1	x								Soil	X							X				
-05	Sample Point 4 Expanded Exc NW @ 5'			2/24/2014	1150		1	x								Soil	X							X				

Special Instructions:

Relinquished by:	Date: 2/27/14	Time: 0900	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by PBEL:	Date: 2/27/14	Time: 1449

Laboratory Comments:

Sample Containers Intact?	Y N
VOCs Free of Headspace?	Y N
Labels on container(s)	Y N
Custody seals on container(s)	Y N
Custody seals on cooler(s)	Y N
Sample Hand Delivered	Y N
by Sampler/Client Rep. ?	Y N
by Courier? UPS DHL FedEx Lone Star	

Temperature Upon Receipt:
Received: °C
Adjusted: 2.0 °C Factor NCF

PERMIAN BASIN
ENVIRONMENTAL LAB, LP
10014 SCR 1213
Midland, TX 79706

PBELAB

Analytical Report

Prepared for:

Curt Stanley
Nova Safety & Environmental
2057 Commerce Street
Midland, TX 79703

Project: High Sierra Transportation
Project Number: Carpenter Station
Location: Lea County, NM

Lab Order Number: 4B27002

NELAP ACCREDITED TNI LABORATORY

NELAP/TCEQ # T104704156-13-3

Report Date: 02/28/14

Nova Safety & Environmental	Project: High Sierra Transportation	Fax: (432) 520-7701
2057 Commerce Street	Project Number: Carpenter Station	
Midland TX, 79703	Project Manager: Curt Stanley	

East Trench @ 2.5'

4B27002-01 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**4.12**	0.112	mg/kg dry	100	P4B2803	02/27/14	02/28/14	EPA 8021B	
Toluene	**44.2**	0.225	mg/kg dry	100	P4B2803	02/27/14	02/28/14	EPA 8021B	
Ethylbenzene	**41.4**	0.112	mg/kg dry	100	P4B2803	02/27/14	02/28/14	EPA 8021B	
Xylene (p/m)	**61.8**	0.225	mg/kg dry	100	P4B2803	02/27/14	02/28/14	EPA 8021B	
Xylene (o)	**23.4**	0.112	mg/kg dry	100	P4B2803	02/27/14	02/28/14	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*89.0 %*	*75-125*		*P4B2803*	*02/27/14*	*02/28/14*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*81.6 %*	*75-125*		*P4B2803*	*02/27/14*	*02/28/14*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**11.0**	0.1	%	1	P4B2801	02/27/14	02/28/14	% calculation	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**7950**	281	mg/kg dry	10	P4B2802	02/27/14	02/27/14	TPH 8015M	
>C12-C28	**16400**	281	mg/kg dry	10	P4B2802	02/27/14	02/27/14	TPH 8015M	
>C28-C35	**2680**	281	mg/kg dry	10	P4B2802	02/27/14	02/27/14	TPH 8015M	
Surrogate: 1-Chlorooctane		*129 %*	*70-130*		*P4B2802*	*02/27/14*	*02/27/14*	*TPH 8015M*	
Surrogate: o-Terphenyl		*104 %*	*70-130*		*P4B2802*	*02/27/14*	*02/27/14*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**27100**	843	mg/kg dry	10	[CALC]	02/27/14	02/27/14	calc	

Nova Safety & Environmental	Project: High Sierra Transportation	Fax: (432) 520-7701
2057 Commerce Street	Project Number: Carpenter Station	
Midland TX, 79703	Project Manager: Curt Stanley	

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4B2801 - * DEFAULT PREP *** **										
Blank (P4B2801-BLK1)				Prepared: 02/27/14 Analyzed: 02/28/14						
% Moisture	ND	0.1	%							
Duplicate (P4B2801-DUP1)		**Source: 4B27001-01**		Prepared: 02/27/14 Analyzed: 02/28/14						
% Moisture	10.0	0.1	%		9.0			10.5	20	

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
10014 S. County Road 1213
Midland, Texas 79706

Phone: 432-661-4184

Project Manager: Curt Stanley
Company Name: Nova Safety and Environmental
Company Address: 2057 Commerce Dr.
City/State/Zip: Midland/TX/79703
Telephone No: (432)5207720 Fax No:
Sampler Signature: e-mail: cstanley@novatraining.cc

Project Name: High Sierra Transportation
Project #: Carpenter Station
Project Loc: Lea County, NM
PO #:
Report Format: [X] Standard [ ] TRRP [ ] NPDES

(lab use only)
ORDER #: 1B27002

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: Ice	HNO3	HCl	H2SO4	NaOH	Na2S2O3	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP:	TOTAL: TPH: 418.1	8015M	TPH: TX 1005	TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	pH	N.O.R.M.	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
101	East Trench @ 2.5'			2/24/2014	1115		1	x								Soil		X										X				

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
	2/27/14	0900			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL:	Date: 2/27/14	Time: 9:00

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received: 2.0 °C
Adjusted: °C Factor NCF